ABSTRACT OF THE DISCLOSURE

A method for automatically generating a network topology for a directory service is provided, wherein the topology represents network sites and site links in a distributed computing environment. An implementation of the technique generates a replication topology used for populating the directory service. The topology is generated based on router interface information obtained from router configuration files. A site reference is generated by identifying a sub-network on a Local Area Network interface, and a site link reference is generated by identifying a Wide Area Network interface.

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